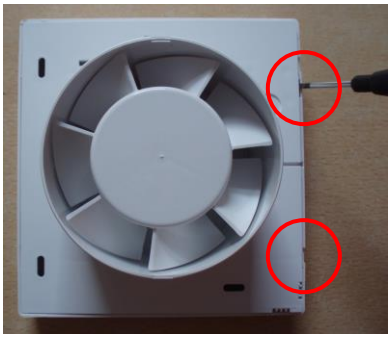
User´s manual - Primo

All work, like installation must be carried out by the qualified person – with professional qualifications and expertise in electricity and electrotechnics accordance with law and rules in concrete country.
Disconnect power supply before any installation or manipulation – preferably with circuit breaker.

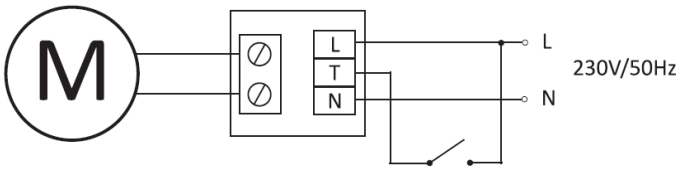
1. Remove the front grill with a small screwdriver and prepare the mounting holes for wires leading from the wall. Install the fan so the service cables will be in lower part of the fan.
   Place the fan into air duct with suitable diameter. In a prepared place drill a hole for the electric service cable. (Warning! Sharp edges can damage wire insulation!). Install the fan using suitable screws and plugs.



Mounting hole

2. Connect the fan with power supply using the electronics. Usually goes from wall electric cable with 3 wires, so the blue is directly earthed conductor (N), brown / black is the phase conductor (L – under constant voltage) and third yellow-green is the circuit protective conductor (no need to connect when mounting plastic fan, can be blinded).
   Install the fan so the service cables will be in lower part of the fan.

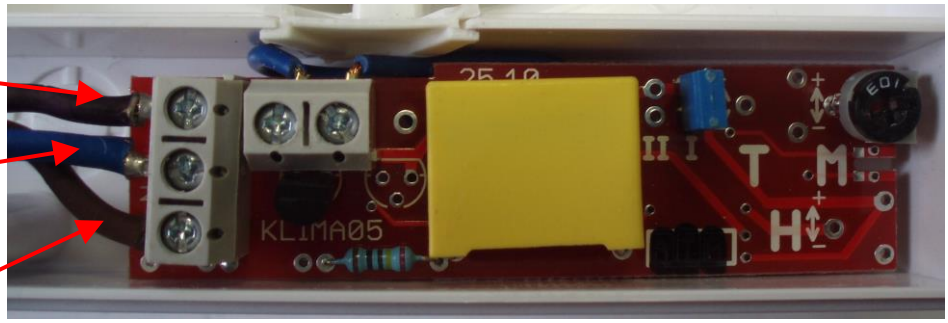
   Axial fan Primo has electronics, which you connect directly to power supply (L,N).
   Into terminal T connect controlled phase wire from on-off switch (standard specification – brown).



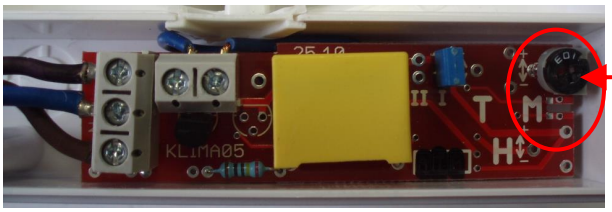
Phase (L)

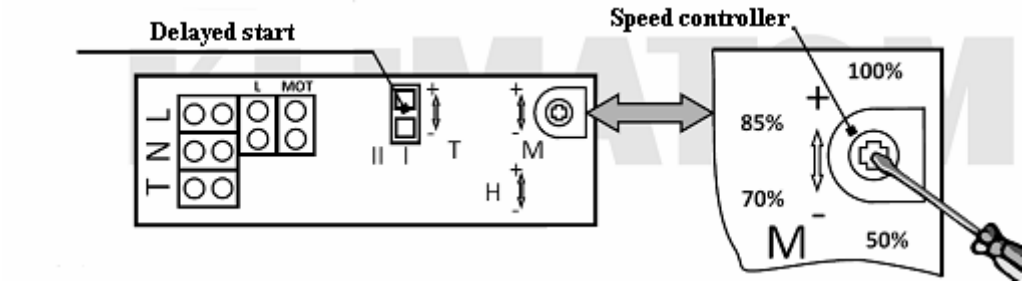
Directly earthed conductor (N)

Controlled phase (T)

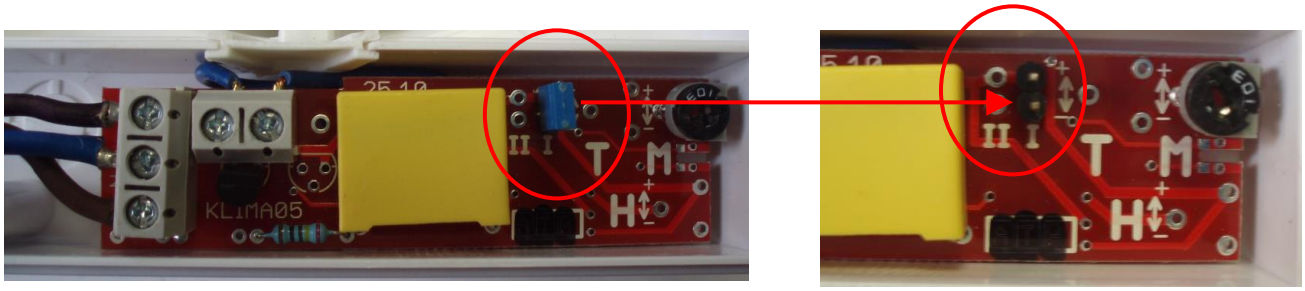


3. Fan´s electronic allows speed control and airflow control, what´s more save energy.
   Carefully turn potentiometer M with small screwdriver directions +-. Regulation is possible only if there is power supply on terminal T (switch ON on-off switch), otherwise device runs maximum speeed. You can controll fan´s speed in steps - 50%, 70%, 85% and 100%.





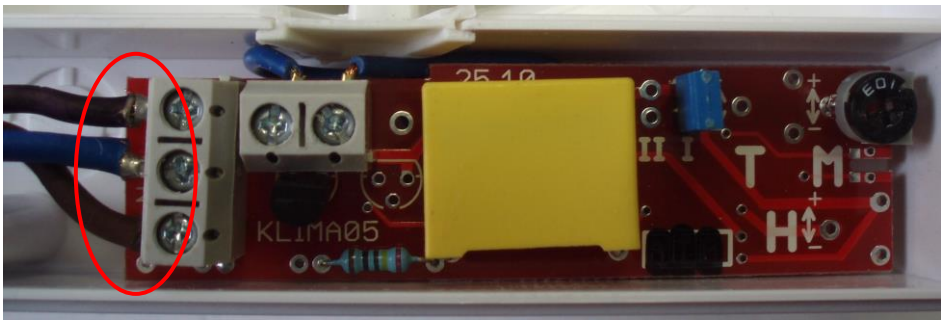
When blue jumper (I) is removed, fan starts with cca 90-120 seconds delay.



4. Cover the electronics and mount the front grill. Cable outlet should be in lower part of the fan and the plates in horizontal position. Connect power supply – switch on the circuit breaker.
   Device starts Test Run, which provides test and measurement of the device and components.
   After cca 35 seconds Test Run stops.

5. Turn ON on-off switch to bring power supply 230V/50Hz into device – fan starts to work or with 90-120 seconds delay (removing blue jumper). Turn OFF on-off switch to disconnect power supply – fan stop works.

6. If device does not work properly, <u>disconnect power supply</u> and controll connection on terminal strip and potentiometer function.



7. Troubleshooting

	Trouble	**Why**	**Solutions**
1.	Device does not work	1.1. Missing voltage	Switch on the curcuit breaker.
		1.2. Device is mounted wrong	Switch off the circuit breaker and controll connection of cable from the wall and fan motor into terminal strip, switch on the curcuit breaker.
2.	Device starts to work immediately after connecting to power supply	2.1. TEST RUN	Wait cca 35 seconds until TEST RUN ends. It controls correct function of device. Than device stops.
3.	Device does not work immediately after switch ON on-off switch	3.1. Delayed start function	In case you need the device works immediately, controll if there is a blue jumper (I) - removing provide delayed start.
4.	Device works not enough – too little air flow	Wrong adjustment of potentiometer M (speed control)	Switch off circuit brekaer, controll adjustment of potentiometer with small screwdriver (user´s manual – point 3)

8. Pay attention to regular service (once in 6 month minimum).
<u>Disconnect power supply before any installation or manipulation – preferably with circuit breaker.</u>
Clean with moist clout with a little bit detergent – NOT!abrasiveness clearing agent, diluent or petrol.
Dry it properly. Fan motor can´t get wet in any case.
Connect the fan with power supply using the terminal strip and kontrol proper run of the fan.

<u>Only correct instalation and service will ensure long life working.</u>

9. The warranty covers manufacturing defects, material defects or defects of instrument functions.
The warranty does not cover mechanical damage, incorrect connection to power supply, incorrect servicing, use of the device in unappropriate conditions, common use, damage by third person, natural disaster or overvoltage.